GOVERNMENT OF INDIA
CHEMICALS AND FERTILIZERS
LOK SABHA

UNSTARRED QUESTION NO:734
ANSWERED ON:07.02.2017
R&D in Fertilizer Sector
Sreeramulu Shri B.

Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

(a) whether it is a fact that at present the expenditure on Research and Development (R&D) is less than 1 per cent of the revenues accrued to the Chemicals and Fertilizers industry;

(b) if so, the reasons therefor;

(c) whether there is a need to increase the expenditure on Research and Development in the chemicals and fertilizers industry and if so, the details thereof; and

(d) the details of the expenditure incurred on R&D during the last three years?

Answer

MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS , SHIPPING, ROAD TRANSPORT & HIGHWAYS (SHRI MANSUKH. L. MANDAVIYA)
(a) to (c) : The Chemicals & Fertilizers Sector is decentralised and deregulated and the industry makes investment in the R & D as per its priorities and requirement.
For growth and development of the Chemicals & Fertilizers industry, there is a need to increase the expenditure on R & D. In this connection, an Institution namely Indian Council for Fertilizer and Nutrient Research (ICFNR) exclusively devoted to promotion of research in fertilizer sector under the Department of Fertilizers has been set up on 16.09.2016. The ICFNR has a Governing Council under the chairmanship of Hon'ble Minister of Chemical & Fertilizers and an Executive Council under the chairmanship of Secretary (Fertilizers). The terms of reference of ICFNR are as under: -
? To undertake/promote research in the area of fertilizer manufacturing technology, use of raw material and innovation in fertilizer products through partnership ad collaboration with various research institutions, fertilizer industry and other stakeholders.
? To examine and comprehensively deliberate R&D project proposals submitted by various R&D organizations/Academic institutions, for suitable recommendations for funding.
? To undertake and promote research in bio fertilizer and its derivatives with appropriate coating or blending so as protect and increase soil fertility
? To undertake and promote research in organic fertilizer and its derivatives with suitable coating or blending so as to protect and increase the soil fertility.
? In order to create initial funding for the ICFNR and make the same operational, seed money will be provided by Fertilizer PSUs to the tune of Rs.5. crores annually. Subsequently, the ICFNR may be funded by Department of Fertilizers through Plan fund allocation.
Department of Chemicals and Petrochemicals has established five Centers of Excellence (CoE) in Petrochemicals Sector, within the premises of reputed educational/research institutes, under the New Schemes of Petrochemicals. The scheme aims at improving the existing petrochemicals technology and research in the country and to promote development of new applications of polymers and plastics. The details are as follows:
â€¢ National Chemical Laboratory Pune, Maharashtra − CoE for Sustainable Polymer Industry for Research Innovation & Training (CoE-SPIRIT)
â€¢ Central Institute of Plastics Engineering and Technology (CIPET) Chennai, Tamil Nadu, CoE for Green Transportation Network (CoE-GREET)
â€¢ IIT Guwahati Assam - CoE for Sustainable Polymers (CoE-SusPol)
â€¢ CIPET Bhubaneswar, Odhisa- CoE on Sustainable Green Materials (CoE- SGM)
â€¢ IIT, Delhi − CoE for Advanced Polymeric Materials (CoE-APM).

(d): The details of the expenditure incurred on R&D during the last three years are as: -

Department of Fertilizers
(Rs. In crores.)
S. No. Financial Year Actual Expenditure
1 2013-14 0.19
2 2014-15 0.24
3 2015-16 0.00

Department of Chemicals & Petrochemicals
(Rs. In crores.)
S. No. Financial Year Actual Expenditure

1 2013-14 6.00
2 2014-15 2.00
3 2015-16 2.00
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